

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034642.D
 Acq On : 19 Feb 2020 2:56
 Operator : SY/AP
 Sample : L1554-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DL

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 3:26:42 PM

Quant Time: Feb 21 09:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1103611	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2439588	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2519310	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2083448	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	37886m	0.730	ppbv	
13) Ethanol	3.58	45	104026	7.480	ppbv	96
15) Acetone	3.83	43	259488	1.600	ppbv	95
17) tert-Butyl alcohol	4.29	59	55468	0.465	ppbv #	83
19) Isopropyl Alcohol	3.96	45	25527m	0.270	ppbv	
34) 2-Butanone	5.23	43	699231	3.947	ppbv	99
53) Toluene	9.83	91	269247	1.130	ppbv	99
58) Ethyl Benzene	12.73	91	328760	0.975	ppbv	98
59) m/p-Xylene	13.00	91	402031m	1.349	ppbv	
60) o-Xylene	13.72	91	143203m	0.478	ppbv	
61) Styrene	13.55	104	2635674	13.208	ppbv	97
62) Isopropylbenzene	14.70	105	4520904	11.657	ppbv	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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